



Identification_Information:

Citation:

Citation_Information:

Originator: U.S. Army Corps of Engineers, Jacksonville

District(comp.)

Publication_Date: 20070710

Publication_Time: Unknown

Title: Manatee Hbr, Project Condition Survey FY07

Edition: 07-059 FY07 Project Condition Survey

Geospatial_Data_Presentation_Form: map

Publication_Information:

Publication_Place: U.S Army Corps of Engineers

Jacksonville District

Publisher: U.S. Army Corps of Engineers, Jacksonville

District, Construction-Operations

Description:

Abstract:

Hydrographic survey data was collected perpendicular to the centerline of the channel on 100 Foot Station Intervals. Elevations are in Feet and Tenths and refer to Mean Lower Low Water (MLLW) which is 1.56 Feet below NAVD 1988. Elevations are below the chart datum unless preceded by a (+) sign. Tidal reductions were made from a Staff set on a Measure Down Point in the vicinity of, and referenced from Benchmark "63841". Plane Coordinates are based on the Transverse Mercator Projection for the West Zone of Florida and referenced to North American Datum of 1983 (NAD83). Azimuths are grid reckoned clockwise from South. Stationing refers to the Centerline of the Channel. Survey was performed using Differential GPS for positioning and utilizing the USCG Navbeacon System as the Reference Site. Vertical measurements were made using a Ross Smart Sounder Depth Recorder with a 200KHZ (High Frequency) Transducer.

Vessel	Date of Survey	Cut
WB-34	18-19 Apr 2007	Ent. Channel, Turning Basin

Aids to Navigation were collected for this survey. Survey accuracy performance standards, quality control and quality assurance requirements were followed during this Survey in accordance with USACE EM 1110-2-1003, Hydrographic Surveying, 1 Jan 02.

Purpose: Project Condition Survey Fy07

Supplemental_Information: This data set consists of 9 sheets at a scale of
1" = 100'.

Time_Period_of_Content:

Time_Period_Information:

Range_of_Dates/Times:

Beginning_Date: 20070418

Ending_Date: 20070419

Currentness_Reference: Ground Condition

Status:

Progress: Complete

Maintenance_and_Update_Frequency: As needed

Spatial_Domain:

Bounding_Coordinates:

West_Bounding_Coordinate: -082.609183

East_Bounding_Coordinate: -082.558412

North_Bounding_Coordinate: +27.664320

South_Bounding_Coordinate: +27.630835

Keywords:

Theme:

Theme_Keyword_Thesaurus: Tri - Service Spatial Data Standard

Theme_Keyword: Hydrography

Place:

Place_Keyword_Thesaurus: Geographic Names Information

System

Place_Keyword: Florida

Place_Keyword: Manatee County

Place_Keyword: Manatee Harbor

Access_Constraints: None

Use_Constraints:

The data represents the results of data collection/processing for a specific U.S. Army Corps of Engineers activity and indicates the general existing conditions. As such, it is only valid for its intended use, content, time, and accuracy specifications. The user is responsible for the results of any application of the data for other than its intended purpose.

Point_of_Contact:

Contact_Information:

Contact_Organization_Primary:

Contact_Organization: U.S. Army Corps of Engineer

Jacksonville District, Construction-Operation Division

Contact_Person: Brain K. Brodehl

Contact_Position: Chief, Hydrographic Survey Section

Contact_Address:

Address_Type: mailing address

Address:

U. S. Army Corps of Engineers,
Jacksonville District CO-OH
701 San Marco Blvd

City: Jacksonville
State_or_Province: Florida
Postal_Code: 32207-8175
Country: USA

Contact_Voice_Telephone: 904-232-3600
Contact_Facsimile_Telephone: 904-232-3696
Contact_Electronic_Mail_Address:

brian.k.brodehl@saj02.usace.army.mil

Hours_of_Service: Any Time

Data_Set_Credit:

U.S. Army Corps of Engineers, Jacksonville District,
Construction-Operation Division, Operation Branch,
Hydrographic Survey Section

Security_Information:

Security_Handling_Description: n/a
Security_Classification: Other
Security_Classification_System: n/a

Native_Data_Set_Environment:

Data collection and editing using Coastal Oceanographics
Hypack Software and Mapped using Bently Microstation.

Spatial_Data_Organization_Information:

Direct_Spatial_Reference_Method: Point

Spatial_Reference_Information:

Horizontal_Coordinate_System_Definition:

Planar:

Grid_Coordinate_System:

Grid_Coordinate_System_Name: State Plane Coordinate

System 1983

State_Plane_Coordinate_System:

SPCS_Zone_Identifier: 0902

Transverse_Mercator:

Scale_Factor_at_Central_Meridian:

0.9999411765

Longitude_of_Central_Meridian: -

082.000000

Latitude_of_Projection_Origin: +24.200000

False_Easting: 656166.67

False_Northing: 0 M

Planar_Coordinate_Information:

Planar_Coordinate-Encoding_Method: coordinate pair

Coordinate_Representation:

Abscissa_Resolution: 0.01

Ordinate_Resolution: 0.01

Planar_Distance_Units: Survey Feet

Geodetic_Model:

Horizontal_Datum_Name: North American Datum of 1983

Ellipsoid_Name: Geodetic Reference System 80

Semi-major_Axis: 6378137 m

Denominator_of_Flattening_Ratio: 298.25722

Vertical_Coordinate_System_Definition:

Altitude_System_Definition:

Altitude_Datum_Name: North American Vertical Datum of 1988

Altitude_Resolution: 0.0

Altitude_Distance_Units: Feet

Altitude_Encoding_Method: Explicit elevation coordinate included with horizontal coordinates

Depth_System_Definition:

Depth_Datum_Name: NAVD 1988 with Mean Lower Low Water Datum's applied (1.56')

Depth_Resolution: 0.1

Depth_Distance_Units: Feet

Depth_Encoding_Method: Explicit depth coordinate included with horizontal coordinates

Distribution_Information:

Distributor:

Contact_Information:

Contact_Organization_Primary:

Contact_Organization: U.S. Army Corps of Engineers
Jacksonville District, Construction-Operation Division

Contact_Person: Brian K. Brodehl

Contact_Position: Chief, Hydrographic Survey Section

Contact_Address:

Address_Type: mailing and physical address

Address:

U.S. Corps of Engineers,
Jacksonville District CO-OH
701 San Marco Blvd
City: Jacksonville
State_or_Province: Florida
Postal_Code: 32207-8175
Country: USA

Contact_Voice_Telephone: 904-232-3600

Contact_Facsimile_Telephone: 904-232-3696

Contact_Electronic_Mail_Address:
brian.k.brodehl@saj02.usace.army.mil

Hours_of_Service: Any Time

Contact_Instructions: n/a

Resource_Description: Survey 07-059

Distribution_Liability:

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Standard_Order_Process:

Digital_Form:

Digital_Transfer_Information:

Format_Name: DGN

File-Decompression_Technique: No compression applied

Digital_Transfer_Option:

Online_Option:

Computer_Contact_Information:

Network_Address:

Network_Resource_Name:

www.saj.usace.army.mil/hydroSurvey/hydro.htm

Access_Instructions:

www.saj.usace.army.mil/hydroSurvey/hydro.htm

Fees: N/A

Metadata_Reference_Information:

Metadata_Date: 20070806

Metadata_Review_Date: 20070806

Metadata_Contact:

Contact_Information:

Contact_Organization_Primary:

Contact_Organization: U.S. Army Corps of Engineer

Jacksonville District, Construction-Operation Division

Contact_Person: Brian K. Brodehl

Contact_Position: Chief, Hydrographic Survey Section

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Contact_Electronic_Mail_Address:

brian.k.brodehl@saj02.usace.army.mil

Hours_of_Service: Any Time

Contact_Instructions: n/a

Metadata_Standard_Name: FGDC Content Standards for Digital Geospatial
Metadata

Metadata_Standard_Version: FGDC-STD-001-1998

Metadata_Time_Convention: Local time

Metadata_Access_Constraints: None

Metadata_Use_Constraints:

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Metadata_Security_Information:

Metadata_Security_Handling_Description: n/a

Metadata_Security_Classification: Unclassified

Metadata_Security_Classification_System: n/a